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PATENT

ATTORNEY DOCKET NO.: 044574-5061-US

Express Mail No.: EI149177978US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Assistant Commissioner for Patents

Box Patent Application

Washington, D.C. 20231

NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of:



Inventor(s): **John R. CARLSON,**
Junhyong KIM,
Peter-J. CLYNE,
Coral G. WARR,

For: NOVEL FAMILY OF ODORANT RECEPTORS IN DROSOPHILA

1. This new application is for a:
☒ Utility ☐ Design ☐ Plant
2. Papers enclosed which are required for a filing date:
77 Pages of specification including
1 Title Page
6 Pages of claims and
1 Page(s) of Abstract
6 Sheets of ☐ FORMAL ☒ INFORMAL drawings containing
29 Figures

☐ The enclosed drawing(s) are photograph(s), and there is also attached a
PETITION TO ACCEPT PHOTOGRAPH(S) AS DRAWING(S)

3. Combined Declaration and Power of Attorney
☐ Enclosed - and is executed by all inventors
☒ Not Enclosed
This application is being filed under the provisions of 37 C.F.R. §1.53(d).
Applicant(s) await notification from the Patent and Trademark Office of the time
set for filing the Declaration and paying the filing fees.

4. Language

☒ English☐ Non-English

This application is being filed in accordance with 37 C.F.R. §1.52(d) and §608.01 of the MPEP. Applicant(s) await notification from the Patent and Trademark Office of the time set for filing the verified English translation and the processing fee.

5. Assignment

☐ is attached and Assignment of the invention is to _____☐ also enclosed is the Form PTO 1595, Recordation Form Cover Sheet.☒ will be filed at a later date

6. Certified Copy

Application(s) from which priority is claimed are:

Country	Application No.	Filed
United States	60/117,132	January 25, 1999

Certified copy(ies) is/are ☐ attached ☐ will follow

7. Fee Calculation

CLAIMS AS FILED				
	Number Filed	Number Extra	at Rate of	Basic Fee Utility\$760.00 Design\$310.00
Total Claims (37 CFR 1.16(c))	- 20 =		\$ 18.00 each=	+
Independent Claims (37 CFR 1.16(b))	- 3 =		\$ 78.00 each=	+
Multiple dependent claim(s), if any (37 CFR 1.16(d))			\$260.00	+
SUB-TOTAL =				
Reduction by 1/2 for filing by a small entity				- \$
TOTAL FILING FEE =				\$

8. Small Entity Statement(s)

- ☐ Verified Statement(s) that this is a filing by a small entity under 37 C.F.R. §1.9 and §1.27 is(are) attached.

9. Fee Payment

- ☒ Not Enclosed.

NO FEE IS BEING PAID BY CHECK OR DEPOSIT ACCOUNT AT THIS TIME.

This application is being filed under the provisions of 37 C.F.R. §1.53(d).

Applicant(s) await notification from the Patent and Trademark Office of the time set for filing the Declaration and paying the filing fees.

- ☐ Enclosed.

A check in the amount of \$_____ representing the filing fee of \$_____ and an assignment recording fee of \$_____ is enclosed.

Except for issue fees payable under 37 C.F.R. §1.18, the Commissioner is hereby authorized by this paper to charge any additional fees during the entire pendency of this application including fees due under 37 CFR §1.16 and §1.17 which may be required, or credit any overpayment to Deposit Account 50-0310.

10. Additional papers enclosed.

- ☐ Preliminary Amendment
☐ Information Disclosure Statement and Form PTO-1449
☐ Citations
☐ Declaration of Biological Deposit
☒ Submission of "Sequence Listing", computer readable copy and/or amendment pertaining thereto for biotechnology invention containing nucleotide and/or amino acid sequence.

Please accord an application number and filing date.

Respectfully submitted,

MORGAN, LEWIS & BOCKIUS LLP



Erich E. Veitenheimer

Reg. No. 40,420

Dated: January 25, 2000

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009670-4677000




CERTIFICATE OF MAILING

I hereby certify that the attached new U.S. Patent Application is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R.

1.10 on January 25, 2000, Express Mailing No. EI149177978US, and is address to:

Box PATENT APPLICATION
Assistant Commissioner of Patents,
Washington, D.C. 20231



Erich E. Veitenheimer
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